

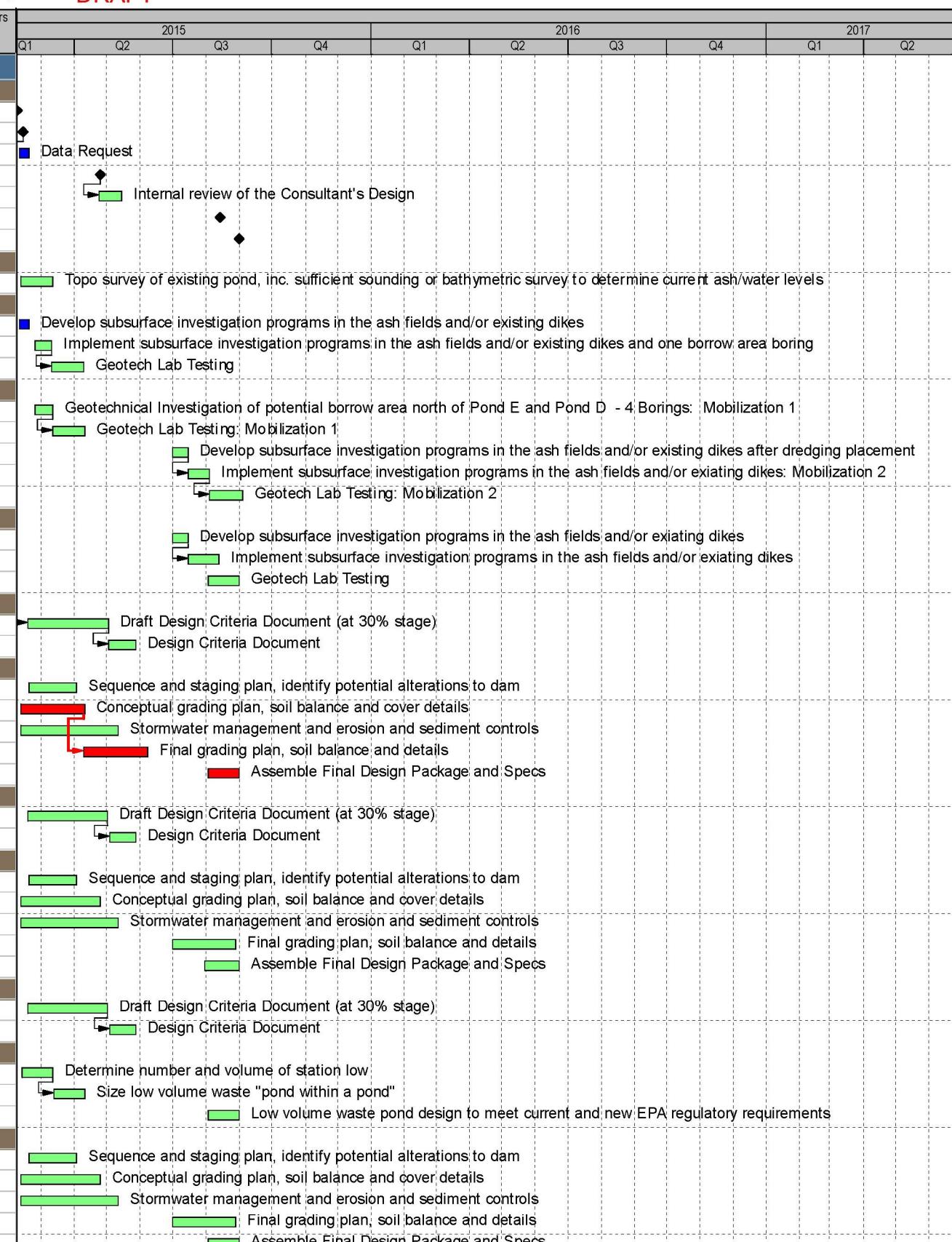
Activity ID	Activity Name	Original Duration	Start	Finish	Predecessors	2015				2016			
						Q1	Q2	Q3	Q4	Q1	Q2	Q3	
<b>Possum Point Permit Schedule</b>													
	<b>Waters of US /Wetlands</b>	215	16-Feb-15 A	15-Dec-15									
B1000	Jurisdictional Determination	162	02-Mar-15	15-Oct-15									
B1005	Joint Waterway Application	140	01-Apr-15	15-Oct-15									
B1010	USACE/VMRC/DEQ - No permit necessary determination	86	15-May-15	15-Sep-15									
B1015	USACE 404 Permit	118	01-Apr-15	15-Sep-15									
B1020	Virginia Water Protection 401 Certification	118	01-Apr-15	15-Sep-15									
B1025	VMRC Subaqueous/Tidal Wetlands	118	01-Apr-15	15-Sep-15									
B1035	Streams and Wetlands Field Delineation	11	02-Mar-15	16-Mar-15									
<b>Chesapeake Bay Preservation Act Review/Approval</b>													
B1050	Application and Approval	43	15-Apr-15	15-Jun-15									
<b>Coastal Zone Consistency Certification</b>													
B1100	Application and Approval	151	15-May-15	15-Dec-15									
<b>Endangered / Threatened Species Review/ Approval</b>													
B1150	Initial Consultation for Dredging in Pond E	29	16-Feb-15 A	16-Mar-15									
B1155	Obtain Bald Eagle Take Permit for Work	212	16-Feb-15 A	15-Sep-15									
B1160	Survey for other T&E	23	02-Mar-15	01-Apr-15									
B1165	Obtain concurrence from agencies that no other T&E will be harmed by project.	118	01-Apr-15	15-Sep-15									
<b>Cultural/Historical Resources Review/ Approval</b>													
B1200	Application and Approval	196	26-Feb-15	30-Nov-15									
B1205	Phase II Investigation	25	26-Feb-15	01-Apr-15									
<b>Individual VPDES Permit Associated with Industrial Discharges - Modification</b>													
B1250	Application and Approval	118	01-Apr-15	15-Sep-15									
<b>DCR Dam Modification Permit</b>													
B1300	Pond ABC	45	15-Jul-15	15-Sep-15									
B1305	Pond E	45	15-Jul-15	15-Sep-15									
B1310	Pond D	45	15-Jul-15	15-Sep-15									
<b>General VPDES Permit for Discharges of Stormwater Related to Construction</b>													
B1350	Application and Approval	118	01-Apr-15	15-Sep-15									
<b>VDEQ Solid Waste Permit</b>													
B1400	Application and Approval	118	01-Apr-15	15-Sep-15									
<b>Sanitary Sewer / Water Permits</b>													
B1450	Application and Approval	118	01-Apr-15	15-Sep-15									

 Actual Work     Critical Remaining Work  
 Remaining Work     Milestone

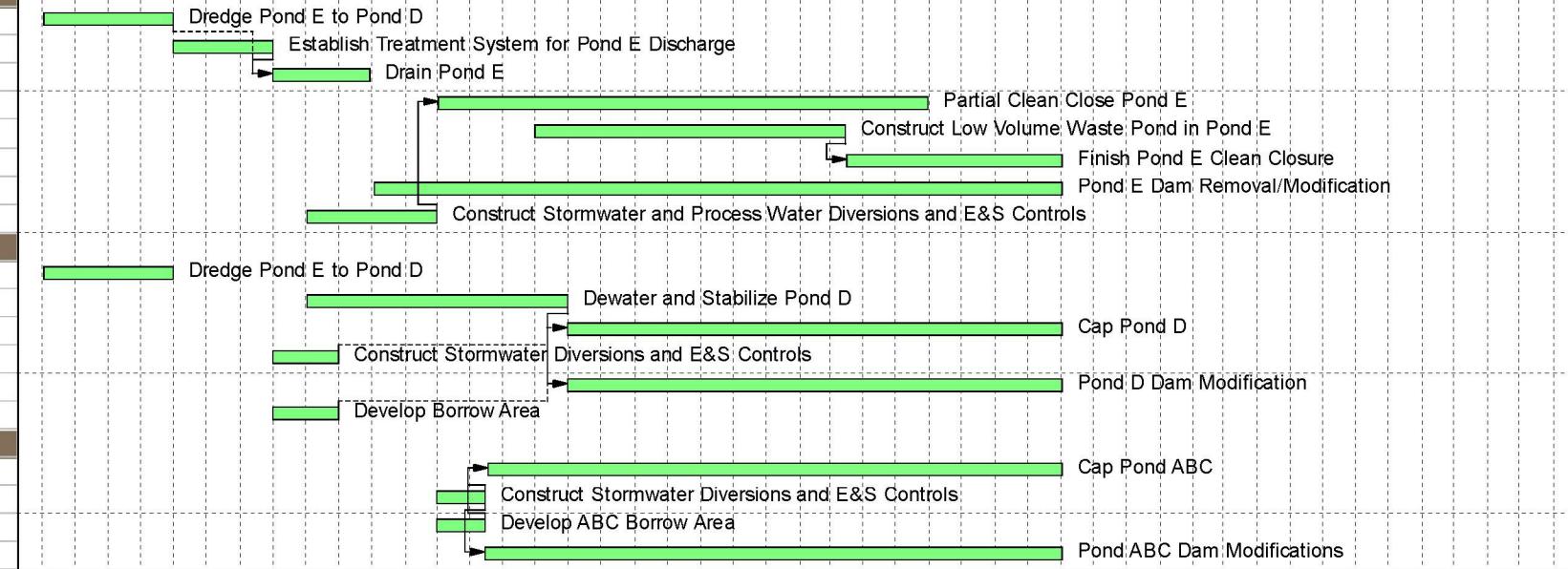
## Possum Point Design Schedule

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Activity ID	Activity Name	Original Duration	Start	Finish	Predecessors	2015				2016				2017	
						Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2
<b>Possum Point Design Schedule</b>						209	06-Feb-15 A	03-Sep-15							
Milestones						144	06-Feb-15 A	31-Aug-15							
A1000	PO Issued		0	06-Feb-15 A											
A1010	Kick Off Meeting		0	12-Feb-15 A											
A1015	Data Request	10	09-Feb-15 A	18-Feb-15 A											
A1020	30% Submittal of Design Package	0		24-Apr-15											
A1025	Internal review of the Consultant's Design	15	24-Apr-15	14-May-15	A1020										
A1030	90% Submittal Design Package	0		14-Aug-15											
A1040	Bid Package Due	0		31-Aug-15											
Surveying		30	10-Feb-15 A	11-Mar-15											
A1050	Topo survey of existing pond, inc. sufficient sounding or bathymetric survey to determine current ash/water levels	30	10-Feb-15 A	11-Mar-15											
Pond ABC Geotechnical Investigations		44	09-Feb-15 A	09-Apr-15											
A1100	Develop subsurface investigation programs in the ash fields and/or existing dikes	9	09-Feb-15 A	17-Feb-15 A											
A1110	Implement subsurface investigation programs in the ash fields and/or existing dikes and one borrow area boring	12	23-Feb-15*	10-Mar-15											
A1120	Geotech Lab Testing	22	11-Mar-15	09-Apr-15	A1110										
Pond D Geotechnical Investigations		137	23-Feb-15	03-Sep-15											
A1200	Geotechnical Investigation of potential borrow area north of Pond E and Pond D - 4 Borings: Mobilization 1	14	23-Feb-15	12-Mar-15											
A1210	Geotech Lab Testing: Mobilization 1	22	12-Mar-15	10-Apr-15	A1200										
A1220	Develop subsurface investigation programs in the ash fields and/or existing dikes after dredging placement	10	01-Jul-15	15-Jul-15											
A1230	Implement subsurface investigation programs in the ash fields and/or existing dikes: Mobilization 2	15	15-Jul-15	04-Aug-15	A1220										
A1240	Geotech Lab Testing: Mobilization 2	23	04-Aug-15	03-Sep-15	A1230										
Pond E Geotechnical Investigations		43	01-Jul-15	31-Aug-15											
A1300	Develop subsurface investigation programs in the ash fields and/or existing dikes	10	01-Jul-15	15-Jul-15											
A1310	Implement subsurface investigation programs in the ash fields and/or existing dikes	22	15-Jul-15	13-Aug-15	A1300										
A1320	Geotech Lab Testing	21	03-Aug-15	31-Aug-15											
Design Criteria Document (Pond ABC Closure)		100	17-Feb-15	27-May-15											
A1400	Draft Design Criteria Document (at 30% stage)	75	17-Feb-15	02-May-15	A1010										
A1405	Design Criteria Document	25	03-May-15	27-May-15	A1400										
Pond ABC Closure Design		143	10-Feb-15 A	31-Aug-15											
A1430	Sequence and staging plan, identify potential alterations to dam	45	18-Feb-15 A	03-Apr-15											
A1440	Conceptual grading plan, soil balance and cover details	60	10-Feb-15 A	10-Apr-15											
A1450	Stormwater management and erosion and sediment controls	90	10-Feb-15 A	11-May-15											
A1460	Final grading plan, soil balance and details	41	01-Jul-15	28-Aug-15	A1440										
A1470	Assemble Final Design Package and Specs	21	03-Aug-15	31-Aug-15											
Design Criteria Document (Pond D Closure)		71	17-Feb-15 A	27-May-15											
A1500	Draft Design Criteria Document (at 30% stage)	54	17-Feb-15 A	01-May-15											
A1505	Design Criteria Document	17	04-May-15	27-May-15	A1500										
Pond D Closure Design		143	10-Feb-15 A	31-Aug-15											
A1530	Sequence and staging plan, identify potential alterations to dam	1	18-Feb-15 A	03-Apr-15											
A1540	Conceptual grading plan, soil balance and cover details	54	10-Feb-15	24-Apr-15											
A1550	Stormwater management and erosion and sediment controls	65	10-Feb-15	11-May-15											
A1560	Final grading plan, soil balance and details	42	01-Jul-15	28-Aug-15											
A1570	Assemble Final Design Package and Specs	22	31-Jul-15	31-Aug-15											
Design Criteria Document (Pond E Closure)		71	17-Feb-15 A	27-May-15											
A1600	Draft Design Criteria Document (at 30% stage)	54	17-Feb-15 A	01-May-15											
A1605	Design Criteria Document	17	04-May-15	27-May-15	A1600										
Low Volume Waste Pond Design		142	11-Feb-15 A	31-Aug-15											
A1610	Determine number and volume of station low	21	11-Feb-15 A	12-Mar-15											
A1615	Size low volume waste "pond within a pond"	21	13-Mar-15	10-Apr-15	A1610										
A1620	Low volume waste pond design to meet current and new EPA regulatory requirements	21	03-Aug-15	31-Aug-15											
Pond E Closure Design		143	10-Feb-15	31-Aug-15											
A1630	Sequence and staging plan, identify potential alterations to dam	33	18-Feb-15	03-Apr-15											
A1640	Conceptual grading plan, soil balance and cover details	54	10-Feb-15	24-Apr-15											
A1650	Stormwater management and erosion and sediment controls	65	10-Feb-15	11-May-15											
A1660	Final grading plan, soil balance and details	42	01-Jul-15	28-Aug-15											
A1670	Assemble Final Design Package and Specs	21	03-Aug-15	31-Aug-15											



Activity ID	Activity Name	Original Duration	Start	Finish	Predecessors	2015	Q1	Q2	Q3	Q4	2016	Q1	Q2	Q3	Q4	2017	Q1	Q2	Q3	Q4	2018	Q1	Q2	Q3	Q4	Q19	
<b>Possom Point Construction Schedule</b>																											
<b>Pond E Construction</b>																											
C1000	Dredge Pond E to Pond D	946	02-Mar-15	02-Oct-17																							
C1005	Establish Treatment System for Pond E Discharge	86	02-Mar-15	30-Jun-15																							
C1010	Drain Pond E	66	01-Jul-15	01-Oct-15																							
C1015	Partial Clean Close Pond E	65	01-Oct-15*	30-Dec-15	C1000, C1005																						
C1020	Construct Low Volume Waste Pond in Pond E	326	02-Mar-16	31-May-17	C1035																						
C1025	Finish Pond E Clean Closure	206	01-Jun-16	15-Mar-17																							
C1030	Pond E Dam Removal/Modification	143	04-Jan-16	02-Oct-17	C1020																						
C1035	Construct Stormwater and Process Water Diversions and E&S Controls	456	02-Nov-15	01-Mar-16																							
<b>Pond D Construction</b>																											
C1050	Dredge Pond E to Pond D	946	02-Mar-15	02-Oct-17																							
C1055	Dewater and Stabilize Pond D	86	02-Mar-15	30-Jun-15																							
C1060	Cap Pond D	243	02-Nov-15	01-Jul-16																							
C1065	Construct Stormwater Diversions and E&S Controls	459	01-Jul-16*	02-Oct-17	C1075, C1065																						
C1070	Pond D Dam Modification	62	01-Oct-15	01-Dec-15																							
C1075	Develop Borrow Area	459	01-Jul-16	02-Oct-17	C1055																						
<b>ABC Construction</b>																											
C1100	Cap Pond ABC	581	01-Mar-16	02-Oct-17																							
C1105	Construct Stormwater Diversions and E&S Controls	381	18-Apr-16	02-Oct-17	C1105, C1110																						
C1110	Develop ABC Borrow Area	34	01-Mar-16	15-Apr-16																							
C1115	Pond ABC Dam Modifications	34	01-Mar-16	15-Apr-16																							
		536	15-Apr-16	02-Oct-17	C1105																						



Actual Work      Critical Remaining Work  
 Remaining Work      Milestone

 gai consultants  
Transforming Ideas into Reality